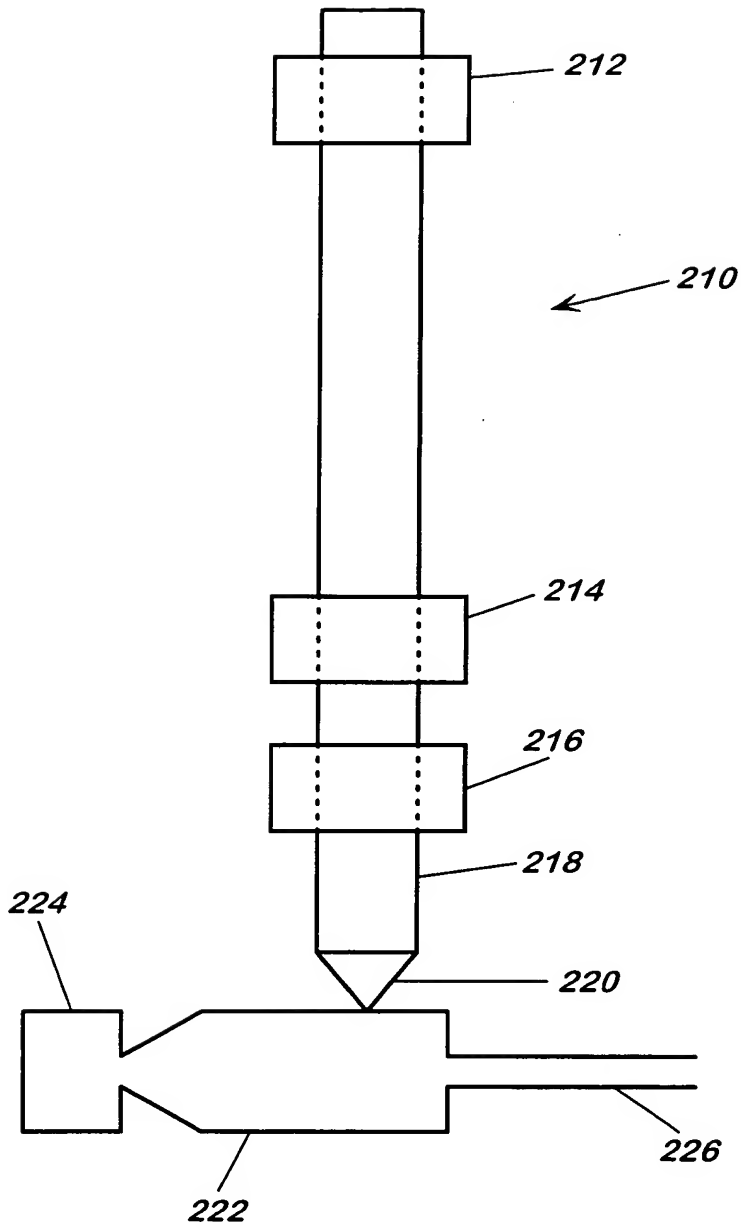
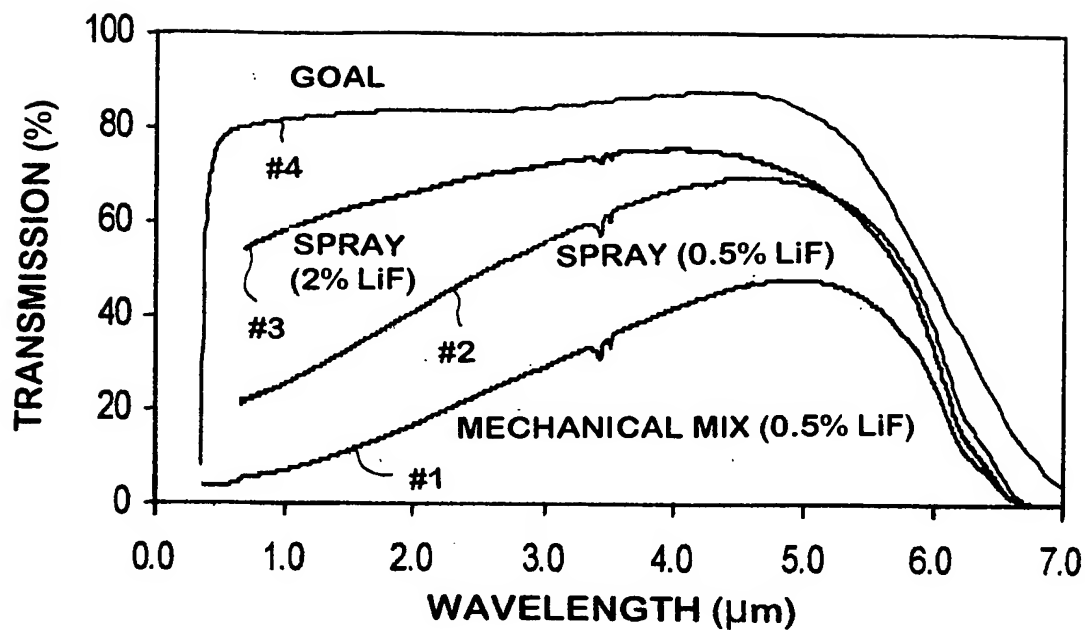


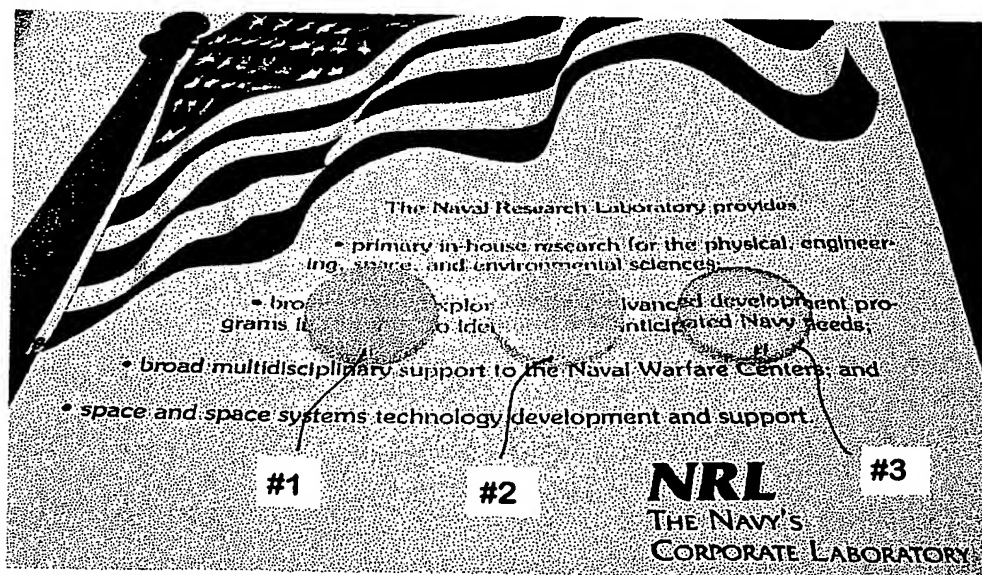
**FIG. 1**



**FIG. 2**



**FIG. 3**



1" DIAMETER BY ~ 1 mm THICKNESS

**FIG. 4**



	Mg - SPINEL	GLASS
DENSITY (g/cm <sup>3</sup> )	3.58	2.51
ELASTIC MODULUS (GPa)	277	82
FLEXURE STRENGTH (MPa)	241	70
FRACTURE TOUGHNESS (MPa m <sup>1/2</sup> )	1.7	1
HARDNESS (Kg/cm <sup>2</sup> )	1210	610
TRANSMISSION RANGE (μm)	0.3-5.5	0.3-2

***FIG. 5***